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(((707/539)!..CCLS.))	95

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DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

L56	(((707/539)!..CCLS.))	95	L56
L55	(((707/515)!..CCLS.))	150	L55
L54	(((707/540)!..CCLS.))	110	L54
L53	((345/810)!..CCLS.))	390	L53

DB=USPT; PLUR=YES; OP=OR

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L51	5907410.pn.	1	L51
L50	5911074.pn.	1	L50

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

L49	L48 and autosave	0	L49
L48	L47 and lists	3	L48

<u>L47</u>	L46 and history	3	<u>L47</u>
<u>L46</u>	L45 and redo	3	<u>L46</u>
<u>L45</u>	L44 and undo	45	<u>L45</u>
<u>L44</u>	l43 and state with history	608	<u>L44</u>
<u>L43</u>	document	234308	<u>L43</u>
<u>L42</u>	((((345/86\$)!.CCLS.))	657	<u>L42</u>
<u>L41</u>	((((345/82\$)!.CCLS.))	636	<u>L41</u>
<u>L40</u>	((((345/81\$)!.CCLS.))	530	<u>L40</u>
<u>L39</u>	((((345/84\$)!.CCLS.))	894	<u>L39</u>
<u>L38</u>	((((345/64\$)!.CCLS.))	443	<u>L38</u>
<u>L37</u>	((((345/59\$)!.CCLS.))	565	<u>L37</u>
<u>L36</u>	((707/50\$)!.CCLS.)	1827	<u>L36</u>
<u>L35</u>	((((707/501.1)!.CCLS.))	425	<u>L35</u>
<u>L34</u>	((((345/863)!.CCLS.))	150	<u>L34</u>
<u>L33</u>	((((345/820)!.CCLS.))	1	<u>L33</u>
<u>L32</u>	((((345/819)!.CCLS.))	1	<u>L32</u>
<u>L31</u>	((((345/810)!.CCLS.))	390	<u>L31</u>
<u>L30</u>	((((345/684)!.CCLS.))	161	<u>L30</u>
<u>L29</u>	((((345/645)!.CCLS.))	9	<u>L29</u>
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<u>L27</u>	((((345/593)!.CCLS.))	132	<u>L27</u>
<u>L26</u>	((((345/354)!.CCLS.))	0	<u>L26</u>
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<u>L21</u>	((((707/\$)!.CCLS.))	13507	<u>L21</u>
<u>L20</u>	((((707/101)!.CCLS.))	844	<u>L20</u>
<u>L19</u>	((((707/511)!.CCLS.))	140	<u>L19</u>
<u>L18</u>	((((707/513)!.CCLS.))	636	<u>L18</u>
<u>L17</u>	((((707/502)!.CCLS.))	102	<u>L17</u>
<u>L16</u>	((((707/501)!.CCLS.))	0	<u>L16</u>
<u>L15</u>	((((707/531)!.CCLS.))	686	<u>L15</u>
<u>L14</u>	((707/530)!.CCLS.)	472	<u>L14</u>
<u>L13</u>	L12 and document same state same history	3	<u>L13</u>
<u>L12</u>	L11 and (redo or step same forward)	56	<u>L12</u>
<u>L11</u>	L10 and (undo or step same backward)	114	<u>L11</u>
<u>L10</u>	L9 and scroll\$	538	<u>L10</u>
<u>L9</u>	L8 and list	3090	<u>L9</u>
<u>L8</u>	document same state	16452	<u>L8</u>

<u>L7</u>	L4 and l5
<u>L6</u>	L3 and history
<u>L5</u>	L3 and history same command\$
<u>L4</u>	L3 and history
<u>L3</u>	l1 and l2
<u>L2</u>	display same commands
<u>L1</u>	undo same menu

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9	<u>L5</u>
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203	<u>L3</u>
57523	<u>L2</u>
292	<u>L1</u>

END OF SEARCH HISTORY

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L7: Entry 7 of 9

File: USPT

May 19, 1998

US-PAT-NO: 5754174

DOCUMENT-IDENTIFIER: US 5754174 A

TITLE: User interface with individually configurable panel interfaces for use in a computer system

DATE-ISSUED: May 19, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Carpenter; Claudia	Sunnyvale	CA		
Hansen; George A.	Walnut Creek	CA		
Lam; Beatrice M. Y.	Sunnyvale	CA		
Lozares; Lawrence	Sunnyvale	CA		
Mako; Krisztina	Santa Barbara	CA		
Mernyk; Paul A.	Palo Alto	CA		
Robnett; Robert Chris	San Jose	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Starfish Software, Inc.	Scotts Valley	CA			02

APPL-NO: 8/ 743053 [PALM]

DATE FILED: November 4, 1996

PARENT-CASE:

CROSS REFERENCE TO RELATED APPLICATION The present application is a continuation of application Ser. No. 08/079,720, filed Jun. 18, 1993, now abandoned, which is a continuation in part of application Ser. No. 07/936,692, filed Aug. 27, 1992, now abandoned.

INT-CL: [6] G06 F 17/60

US-CL-ISSUED: 345/334

US-CL-CURRENT: 345/810

FIELD-OF-SEARCH: 395/339-358, 345/333-335, 345/339-354

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>5276816</u>	January 1994	Cavandish et al.	345/348
<input type="checkbox"/>	<u>5287447</u>	February 1994	Miller et al.	345/342
<input type="checkbox"/>	<u>5287514</u>	February 1994	Gram	345/333
<input type="checkbox"/>	<u>5333252</u>	July 1994	Brewer, III et al.	707/506
<input type="checkbox"/>	<u>5339390</u>	August 1994	Robertson et al.	345/342
<input type="checkbox"/>	<u>5339391</u>	August 1994	Wroblewski et al.	345/341
<input type="checkbox"/>	<u>5347628</u>	September 1994	Brewer et al.	345/351
<input type="checkbox"/>	<u>5349658</u>	September 1994	O'Rourke et al.	345/349

OTHER PUBLICATIONS

Amish Software, Amish System Utilities for Windows, Nov. 5, 1991, including disk label, directory listing, contents of files Product.TXT and Readme.TXT.
hDC Computer Corporation, hDC Power Launcher User's Guide, 1991, pp. 32-35, 74-76.
Microsoft, Windows 3.0 User Guide, 1990, pp. 15-57, 79-98, 145-157, 560-561.
Webster, The Next Book, 1989, pp. 112-113, 118-139, 162-205, 286-319.
Screen Prints from Microsoft Windows 3.1, Program.INI, Clock.INI.
Amish Utilities User's Guide, Amish Software, Inc., 541 Cowper Street, Suite A, Palo Alto, CA 94301, 1992, pp. 19-24.
WinMaster User's Guide, PC-Kwik Corporation, 15100 SW Koll Parkway, Beaverton, OR 97006, pp. 28-49.
Rooms for Windows from XSoft User Guide, Xerox Corporation, 3400 Hillview Avenue, Palo Alto, California 94303, Mar. 1, 1992, pp. 18-42.
Wide Angle, Attitash Software, Inc., 20 Trafalgar Square, Nashua, New Hampshire 03063, pp. 3-1-4-13.
Using Norton Desktop for Windows, Symantec, pp. 18-3--18-7.
HOTWin Version 2.0A, Abacist Software Company, 1992, pp. 4-1--5-1.

ART-UNIT: 272

PRIMARY-EXAMINER: Fetting; Anton

ATTY-AGENT-FIRM: Smart; John A.

ABSTRACT:

A user interface has a main module and a plurality of panel modules. The main module presents the user interface on the display screen to a user. The plurality of panel modules are in communication with the main module. Each panel module presents a panel interface on the display screen to the user. Each panel module is individually configurable and each panel is configurable as part of the user interface presented by the main module.

18 Claims, 63 Drawing figures

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L13: Entry 2 of 3

File: USPT

Aug 6, 1996

US-PAT-NO: 5544302

DOCUMENT-IDENTIFIER: US 5544302 A

TITLE: Object-oriented framework for creating and using container objects with built-in properties

DATE-ISSUED: August 6, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nguyen; Frank T.	Campbell	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Taligent, Inc.	Cupertino	CA			02

APPL-NO: 8/ 071812 [PALM]

DATE FILED: June 3, 1993

INT-CL: [6] G06 F 15/00

US-CL-ISSUED: 395/161

US-CL-CURRENT: 345/837; 345/781, 345/839

FIELD-OF-SEARCH: 395/155, 395/156, 395/157, 395/158, 395/159, 395/160, 395/161

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4821220</u>	April 1989	Duisberg	364/578
<input type="checkbox"/>	<u>4885717</u>	December 1989	Beck et al.	364/900
<input type="checkbox"/>	<u>4891630</u>	January 1990	Friedman et al.	340/706
<input type="checkbox"/>	<u>4899136</u>	February 1990	Beard et al.	340/706
<input type="checkbox"/>	<u>4953080</u>	August 1990	Dysart et al.	364/200
<input type="checkbox"/>	<u>4974173</u>	November 1990	Stefik et al.	364/521
<input type="checkbox"/>	<u>5041992</u>	August 1991	Cunningham et al.	364/518
<input type="checkbox"/>	<u>5050090</u>	September 1991	Golub et al.	364/478
<input type="checkbox"/>	<u>5060276</u>	October 1991	Morris et al.	382/8
<input type="checkbox"/>	<u>5065347</u>	November 1991	Pajak et al.	395/159
<input type="checkbox"/>	<u>5072412</u>	December 1991	Henderson, Jr. et al.	395/159
<input type="checkbox"/>	<u>5075848</u>	December 1991	Lai et al.	395/425
<input type="checkbox"/>	<u>5093914</u>	March 1992	Coplien et al.	395/700
<input type="checkbox"/>	<u>5107443</u>	April 1992	Smith et al.	395/158
<input type="checkbox"/>	<u>5119475</u>	June 1992	Smith et al.	395/156
<input type="checkbox"/>	<u>5121478</u>	June 1992	Rao	395/157
<input type="checkbox"/>	<u>5125091</u>	June 1992	Staas, Jr. et al.	395/650
<input type="checkbox"/>	<u>5133075</u>	July 1992	Risch	395/800
<input type="checkbox"/>	<u>5136705</u>	August 1992	Stubbs et al.	395/575
<input type="checkbox"/>	<u>5151987</u>	September 1992	Abraham et al.	395/575
<input type="checkbox"/>	<u>5159669</u>	October 1992	Trigg et al.	395/159
<input type="checkbox"/>	<u>5181162</u>	January 1993	Smith et al.	364/419
<input type="checkbox"/>	<u>5287447</u>	February 1994	Miller et al.	395/157
<input type="checkbox"/>	<u>5305435</u>	April 1994	Bronson	395/159

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
520924	December 1992	EPX	

OTHER PUBLICATIONS

Budd, Timothy; A Little Smalltalk, Addison-Wesley Publishing, 1987, pp. 3-19, 22-32.

ART-UNIT: 245

PRIMARY-EXAMINER: Powell; Mark R.

ASSISTANT-EXAMINER: Andrews; Robert G.

ATTY-AGENT-FIRM: Stephens; Keith

ABSTRACT:

An object-oriented framework is used to create container objects which are, in turn, used to hold both other objects and information in order to organize the information in a variety of ways. The framework contains a set of pre-defined class information which allows container objects to be constructed or instantiated. An instantiated container object can be accessed by a multitude of users and may contain other objects which can hold information defining other containers, such as shelves and trash cans, or which can hold information representing physical "things" such as

- locations, maps and people. The pre-defined class information includes member functions which provide default editing operations such as cut, copy, paste, drag, drop, selection, move, undo and redo, which editing operations are applicable to all objects in the container. Member functions are also provided to generate one or more presentations on a display which represent the container.

24 Claims, 31 Drawing figures

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L48: Entry 3 of 3

File: USPT

Mar 30, 1999

US-PAT-NO: 5890181

DOCUMENT-IDENTIFIER: US 5890181 A

TITLE: System and method for remotely grouping contents of an action history stack

DATE-ISSUED: March 30, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Selesky; Donald Bryant	Westford	MA		
Armstrong; John	Cambridge	MA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Kurzweil Applied Intelligence, Inc.	Waltham	MA			02

APPL-NO: 8/ 749180 [PALM]

DATE FILED: November 14, 1996

INT-CL: [6] G06 F 17/21

US-CL-ISSUED: 707/530; 707/515

US-CL-CURRENT: 707/530; 707/515

FIELD-OF-SEARCH: 707/530, 707/515, 707/516, 707/531, 707/539, 707/540

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

☐ **Search Selected** **Search ALL**

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>5537526</u>	July 1996	Anderson et al.	707/515
<input type="checkbox"/>	<u>5574905</u>	November 1996	deCarmo	707/1
<input type="checkbox"/>	<u>5655136</u>	August 1997	Morgan	382/182
<input type="checkbox"/>	<u>5659747</u>	August 1997	Nakajima	395/651
<input type="checkbox"/>	<u>5692184</u>	November 1997	Ardoin et al.	707/103
<input type="checkbox"/>	<u>5717939</u>	February 1998	Bricklin et al.	707/503
<input type="checkbox"/>	<u>5757372</u>	May 1998	Krause et al.	345/348
<input type="checkbox"/>	<u>5761689</u>	June 1998	Rayson et al.	707/533
<input type="checkbox"/>	<u>5778402</u>	July 1998	Gipson	707/530
<input type="checkbox"/>	<u>5802380</u>	September 1998	Bangs et al.	395/682

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO
O 570 147 A2
WO 94/15281

PUBN-DATE
May 1993
July 1994

COUNTRY
EPX
WOX

US-CL

OTHER PUBLICATIONS

Nagashima Hironobu, Patent Abstracts of Japan, "Text Managing and Restoring System", Nov. 11, 1992.

Alain Karsenty et al., The 13th International Conference on Distributed Computing Systems, "An Algorithm for Distributed Groupware Applications", May 25-28, 1993, pp. 195-202.

ART-UNIT: 276

PRIMARY-EXAMINER: Hong; Stephen S.

ATTY-AGENT-FIRM: Bromberg & Sunstein LLP

ABSTRACT:

A system and method for remotely grouping contents of an action history stack running on a computer system. An action is performed in a first application which causes a beginning marker to be placed on the action history stack. One or more actions are performed in the first application. Each action performed is also stored on the action history stack. Finally an action is performed which causes an end marker to be placed on the action history stack. When some actions need to be undone, a first action is caused to be undone. If the undone action indicates an end marker, then more actions are caused to be undone until an undone action indicates a beginning marker. This method is useful for any application which uses an action history stack, and where access to the action history stack is limited. In one embodiment, the application is a word processing program, and the steps of the invention are performed by a voice recognition system.

21 Claims, 5 Drawing figures